EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	41	("20050003577" | "3448510" | "3727282" | "3747204" | "3766638" | "3790051" | "4140260" | "5288663" | "5316853" | "5863813" | "5888883" | "6074896" | "6297131" | "6344402" | "6345616" | "6451671" | "6513694" | "6514795" | "6716674" | "6726526" | "6730595" | "6774496" | "6780091" | "6827636" | "6869830" | "6896760" | "6901924" | "6939785").PN. OR ("6344402" | "7129150" | "7279403").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 08:07
L11	18	("3887996" | "4285433" | "4543464" | "4590667" | "4688540" | "4851371" | "5128282").PN. OR ("5288663").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 08:15
L12	37	("2121003" | "3206088" | "3237499" | "3448510" | "3528335" | "3559855" | "3565306" | "3601296" | "3626492").PN. OR ("3790051").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/06 08:20
S1	1	"20060005911"	US-PGPUB; USPAT	OR	ON	2007/11/09 14:50
S2	2	("4744550" | "6344402").PN.	US-PGPUB; USPAT	OR	ON	2007/11/09 14:51
S3	13	("5888883").PN. OR ("6344402").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 15:08

S4	111	("20050003577" | "3448510" | "3727282" | "3747204" | "3766638" | "3790051" | "4140260" | "4722130" | "4904610" | "4978639" | "5071792" | "5091331" | "5130276" | "5185292" | "5288663" | "5316853" | "5480842" | "5863813" | "5888883" | "6074896" | "6297131" | "6344402" | "6345616" | "6451671" | "6513694" | "6514795" | "6716674" | "6726526" | "6730595" | "6774496" | "6780091" | "6827636" | "6869830" | "6896760" | "6901924" | "6939785").PN. OR ("5888883" | "6344402" | "7129150" | "7279403").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 15:22
S5	81	S4 and tape	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 15:22
S6	43	("3040489" | "3206088" | "3396452" | "3461537" | "3497948" | "3537169" | "3562057" | "3714704" | "3727282" | "3870196").PN. OR ("3448510" | "4140260").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 15:54
S7	16	("3448510" | "3537603" | "3766638" | "5238876" | "5288663" | "5725728" | "5824185" | "5853532").PN. OR ("6189591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/09 16:04
S8	37	("2121003" | "3206088" | "3237499" | "3448510" | "3528335" | "3559855" | "3565306" | "3601296" | "3626492").PN. OR ("3790051").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 11:05

S9	35	("3448510" | "3507426" | "3707760" | "3727282" | "3730410" | "3747204" | "3766638" | "3790051" | "3920168" | "4140260" | "4296542" | "4395451" | "4667944" | "4711014" | "4744550" | "4778326" | "5288663" | "6297131" | "6344402" | "6345616" | "6513694" | "6726526").PN. OR ("5310104" | "7279403").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 13:58
S10	21	("2970730" | "3537169" | "3562058" | "3657791" | "3677875" | "3727282" | "3918150" | "4296542").PN. OR ("4744550").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 14:05
S11	37	("3448510" | "3461537" | "3559054" | "3727282" | "3766638").PN. OR ("4296542").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 14:21
S12	34	("3182873" | "3448510" | "3461537" | "3493155" | "3507426" | "3562057").PN. OR ("3727282" | "3766638").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 14:41
S13	1518	"438".clas. and ((loop excess) with (bond$3 attach$3 weld$3))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 14:56
S14	156	"438".clas. and ((loop excess) with (bond$3 attach$3 weld$3) with (tape film membrane))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 14:58
S15	16	(wafer with chip with (expand$3 expansion separat$4)) and ((loop excess) with (bond$3 attach$3 weld$3) with (tape film membrane))	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:17

S16	203	(wafer with chip with (expand$3 expansion separat$4)) and ((loop excess) with (bond$3 attach$3 weld$3)) not S15	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:18
S17	12	(wafer with chip with (expand$3 expansion)) and ((loop excess) with (bond$3 attach$3 weld $3)) not S15	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:26
S18	657	((wafer chip) with (expand$3 expansion)) and ((loop excess) with (bond$3 attach$3 weld $3)) not S15	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:26
S19	53	((wafer chip) with (expand$3 expansion)) and ((loop excess) with (bond$3 attach$3 weld $3) with (tape membrane film)) not S15	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:26
S20	14	("4626474" | "4780371" | "4847136" | "5043102").PN. OR ("5316853").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:45
S21	22	("4687693" | "4793883" | "5110388" | "5118567" | "5316853" | "5411921" | "5527998" | "5692297" | "5705016").PN. OR ("5882956").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:47
S22	74	("4218279" | "4286047" | "4664239" | "4698113" | "4720317" | "4756968" | "4793883" | "4913960" | "4961804").PN. OR ("5110388" | "5118567").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 15:49
S23	0	"156".clas. and ((stretch $4 tension$3) with (tape film membrane) with (ultrasonic$4 sonic $4)) and (wafer)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 16:35

S24	1064	"156".clas. and ((stretch $4 tension$3) wsame (tape film membrane) with (ultrasonic$4 sonic $4)) and (wafer)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 16:36
S25	5	"156".clas. and ((stretch $4 tension$3) same ((tape film membrane) with (ultrasonic$4 sonic $4))) and (wafer)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 16:36
S26	41	((stretch$4 tension$3) same ((tape film membrane) with (ultrasonic$4 sonic$4))) and (wafer)	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/26 16:37
S27	6	"156".clas. and ((stretch $4 tension$4) with (excess$3 loop$3 slack) with (bond$4 weld$4 attach$3)) same (sonic $4 ultrasonic$4 ultrasonically sonically)	US-PGPUB; USPAT	OR	ON	2008/02/27 08:20
S28	40	((stretch$4 tension$4) with (excess$3 loop$3 slack) with (bond$4 weld$4 attach$3)) same (sonic$4 ultrasonic$4 ultrasonically sonically)	US-PGPUB; USPAT	OR	ON	2008/02/27 08:22
S29	48	((pull pulling pulled) with (excess$3 loop$3 slack) with (bond$4 weld$4 attach$3)) same (sonic$4 ultrasonic$4 ultrasonically sonically)	US-PGPUB; USPAT	OR	ON	2008/02/27 08:28
S30	8	((stretch$4 tension$4 pull pulling pulled) with (excess$3 loop$3 slack) with (clamp$3)) same (sonic$4 ultrasonic$4 ultrasonically sonically)	US-PGPUB; USPAT	OR	ON	2008/02/27 08:32
S31	0	((stretch$4 tension$4 pull pulling pulled) with (excess$3 loop$3 slack) with (clamp$3)) same (sonic$4 ultrasonic$4 ultrasonically sonically)	USOCR	OR	ON	2008/02/27 08:39
S32	66	((stretch$4 tension$4 pull pulling pulled) with (clamp$3)) same (sonic $4 ultrasonic$4 ultrasonically sonically)	USOCR	OR	ON	2008/02/27 08:44

S33	217	((stretch$4 tension$4 pull pulling pulled) with (clamp$3)) same (sonic $4 ultrasonic$4 ultrasonically sonically)	US-PGPUB; USPAT	OR	ON	2008/02/27 09:17
S34	8	("4081626" | "4439641" | "4440482" | "4695986" | "4769793").PN. OR ("4980873").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/27 09:42
S35	30	("2662804" | "3130110" | "3336583" | "3373413" | "3488646" | "3509274" | "3537083" | "3599226" | "3668658" | "3805292" | "3808079").PN. OR ("4573097").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/27 09:49
S36	23	("3373413").URPN.	USPAT	OR	ON	2008/02/27 09:51
S37	247711	((stretch$4 tension$4 pull pulling pulled) with (clamp$3 with (excess $2 loop$3 slack$3)) same3 (sonic$4 ultrasonic$4 ultrasonically sonically) not S33	US-PGPUB; USPAT	OR	ON	2008/02/27 10:08
S38	130	((stretch$4 tension$4 pull pulling pulled) with (clamp$3) with (excess $2 loop$3 slack$3)) and (sonic$4 ultrasonic $4 ultrasonically sonically) not S33	US-PGPUB; USPAT	OR	ON	2008/02/27 10:09
S39	6	("2343037" | "2906327" | "3243042").PN. OR ("4240491").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/27 10:29
S40	7	("2343037").URPN.	USPAT	OR	ON	2008/02/27 10:43
S41	18	((stretch$4 tension$4 pull pulling pulled) with (clamp$3) with (excess $2 loop$3 slack$3)) same (shrink$4)	US-PGPUB; USPAT	OR	ON	2008/02/27 10:57

S42	74	((stretch$4 tension$4 pull pulling pulled) same (clamp$3 pinch $4)) same (sonic$4 ultrasonic$4 ultrasonically sonically) same (film web)	US-PGPUB; USPAT	OR	ON	2008/03/05 08:25
S43	2	"19526354"	EPO; DERWENT	OR	ON	2008/03/05 08:29
S44	54	(slack$3 slackened) with (sonic$4 ultrasonic $4 ultrasonically sonically)	US-PGPUB; USPAT	OR	ON	2008/03/05 08:37
S45	1638	((stretch$4 tension$4 pull pulling pulled) same (clamp$3 pinch $4)) same (film web) same (bond$4 weld$4 secur$3)	US-PGPUB; USPAT	OR	ON	2008/03/05 08:42
S46	150	((stretch$4 tension$4 pull pulling pulled) same (clamp$3 pinch $4)) same (film web) same (bond$4 weld$4 secur$3) same (loop$3 excess$3)	US-PGPUB; USPAT	OR	ON	2008/03/05 08:43
S47	4	((stretch$4 tension$4 pull pulling pulled) same (clamp$3 pinch $4)) same (film web) same (bond$4 weld$4 secur$3) same (pleat $3)	US-PGPUB; USPAT	OR	ON	2008/03/05 08:45
S48	10	("4020126" | "4368945" | "4465736" | "4952258" | "4973364").PN. OR ("5069734").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 08:53
S49	19	("2568144" | "2974204" | "3183996" | "3617654" | "3649435" | "3930130").PN. OR ("4112168").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 09:12
S50	6	("4066361").URPN.	USPAT	OR	ON	2008/03/05 09:14
S51	36	("3236024" | "3287199" | "3508378" | "3518806").PN. OR ("3672116").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 09:18

S52	627	(membrane film tape diaphragm web) with (stretch$4 tension$3) and slack$4	EPO; JPO; DERWENT	OR	ON	2008/03/05 09:58
S53	4976	(membrane film tape diaphragm web) with (stretch$4 tension$3) and (bond$4 weld$4)	EPO; JPO; DERWENT	OR	ON	2008/03/05 09:59
S54	45	(membrane film tape diaphragm web) with (stretch$4 tension$3) and (sonic$3 sonically supersonic$3 supersonically)	EPO; JPO; DERWENT	OR	ON	2008/03/05 09:59
S55	183	(membrane film tape diaphragm web) with (stretch$4 tension$3) and (bond$4 weld$4) and (slack$4 slacken$3 loop$3 pleat$4)	EPO; JPO; DERWENT	OR	ON	2008/03/05 10:02
S56	308	(membrane film tape diaphragm web) with (stretch$4 tension$3) and (ultrasonic$3 ultrasonically)	EPO; JPO; DERWENT	OR	ON	2008/03/05 10:07
S57	115	(membrane film tape diaphragm web) with (stretch$4 tension$3) and (ultrasonic$3 ultrasonically) and (bond$4 weld$4)	EPO; JPO; DERWENT	OR	ON	2008/03/05 10:08
S58	0	(slack$3 slackened) with (supersonic$4 supersonically) with (Bond$4 weld$4)	US-PGPUB; USPAT	OR	ON	2008/03/05 10:10
S59	627	((membrane film tape diaphragm web) with (stretch$4 tension$3)) same ((sonic$3 sonically ultrasonic$3 ultrasonically) with (bond$4 weld$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 10:21
S60	123	((membrane film tape diaphragm web) with (stretch$4 tension$3)) with ((sonic$3 sonically ultrasonic$3 ultrasonically) with (bond$4 weld$4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 10:22

S61	20	("2893162" | "2988772" | "3109218" | "3124834" | "3132375" | "4578775" | "5136797" | "5222314" | "5355564" | "5396721" | "5502906" | "5517737").PN. OR ("5809624").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 10:27
S62	9	("2893162").URPN.	USPAT	OR	ON	2008/03/05 10:31
S63	21	("2893162" | "2988772" | "3109218" | "3132375").URPN.	USPAT	OR	ON	2008/03/05 10:39
S64	10	S63 not (S61 S62)	USPAT	OR	ON	2008/03/05 10:39
S65	31	("2006814" | "2334022" | "2482270" | "2866231" | "3014234" | "3078504" | "3124834" | "3132375" | "3193873" | "3243844" | "3248753" | "3268142" | "3323703" | "3727273" | "5106450" | "5285943" | "5355564").PN. OR ("5590445").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 10:40
S66	5	("3914035" | "4522476" | "4580710" | "5052606").PN. OR ("5285943").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 10:42
S67	13	("2147115" | "3303528" | "3327367" | "3529332").PN. OR ("3727273").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 10:43
S68	15	("3323703").URPN.	USPAT	OR	ON	2008/03/05 11:02
S69	46	("0943067" | "2728941" | "2779684" | "2898661" | "3014234" | "3063090" | "3078504" | "3124834" | "3132375" | "3172150" | "3248753" | "3323703" | "4637103" | "4918796" | "5036780").PN. OR ("3580451" | "5355564").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 11:04

S70	463	"264".clas. and ($5sonic$4 same (stretch$4 tension$4 elongat$4 pull$4 tenter$4 orient$3))	USPAT	OR	ON	2008/03/05 12:45
S71	164	"264".clas. and ($5sonic$4 same (stretch$4 tension$4 elongat$4 pull$4 tenter$4 orient$3) same (film membrane web substrate diaphragm))	USPAT	OR	ON	2008/03/05 12:45
S72	8	("2741885" | "3672116" | "3950203").PN. OR ("4209958").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:08
S73	775	"264".clas. and (((heat$3 with shrink$4) (heatshrink$4 heat-shrink$4)) same (stretch$4 tension$4 elongat$4 pull$4 tenter$4 orient$3) same (film membrane web substrate diaphragm))	USPAT	OR	ON	2008/03/05 13:11
S74	4	"264".clas. and (((heat$3 with shrink$4) (heatshrink$4 heat-shrink$4)) same (stretch$4 tension$4 elongat$4 pull$4 tenter$4 orient$3) same (film membrane web substrate diaphragm)) and wafer	USPAT	OR	ON	2008/03/05 13:13
S75	55	(((heat$3 with shrink$4) (heatshrink$4 heat-shrink$4)) same (stretch$4 tension$4 elongat$4 pull$4 tenter$4 orient$3) same (film membrane web substrate diaphragm)) and wafer	USPAT	OR	ON	2008/03/05 13:14
S76	276	(((heat$3 with shrink$4) (heatshrink$4 heat-shrink$4)) same (stretch$4 tension$4 elongat$4 pull$4 tenter$4 orient$3) same (film membrane web substrate diaphragm)) and chip not S75	USPAT	OR	ON	2008/03/05 13:23

S77	1350	(((heat$3 with shrink$4) (heatshrink$4 heat-shrink$4)) same (stretch$4 tension$4 elongat$4 pull$4 tenter$4 orient$3)) same (film membrane web substrate diaphragm)) same (perimeter perphery edge)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:36
S78	266	"264".clas. and(((heat$3 with shrink$4) (heatshrink$4 heat-shrink$4)) same (stretch$4 tension$4 elongat$4 pull$4 tenter$4 orient$3) same (film membrane web substrate diaphragm)) same (perimeter perphery edge)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:36
S79	119	"264".clas. and(((heat$3 with shrink$4) (heatshrink$4 heat-shrink$4)) same (stretch$4 tension$4 elongat$4 pull$4 tenter$4 orient$3) same (film membrane web substrate diaphragm)) same (perimeter perphery edge) and (chip die semiconductor)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:40
S80	802	"438".clas. and ((heat$4 with shrink$4) (heatshrink$4 heat-shrink$4))	US-PGPUB; USPAT	OR	ON	2008/03/05 13:47
S81	148	"438".clas. and(((heat$3 with shrink$4) (heatshrink$4 heat-shrink$4)) same (stretch$4 tension$4 elongat$4 pull$4 tenter$4 orient$3 expand$4 expansion) same (film membrane web substrate diaphragm))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 13:48

S82	9	("20010018229" | "20020048905" | "20050090077" | "20060035444" | "5981361" | "6297075" | "6401317" | "6544819" | "7232741").PN. OR ("7329564").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 14:05
S83	3172	(((heat$3 with shrink $4) (heatshrink$4 heat-shrink$4)) same (stretch$4 tension$4 elongat$4 pull$4 tenter $4 orient$3 expand$4 expansion) same (film membrane web substrate diaphragm)) not us.pc.	EPO; JPO; DERWENT	OR	ON	2008/03/05 15:10
S84	14	(((heat$3 with shrink $4) (heatshrink$4 heat-shrink$4)) same (stretch$4 tension$4 elongat$4 pull$4 tenter $4 orient$3 expand$4 expansion) same (film membrane web substrate diaphragm)) and wafer not us.pc.	EPO; JPO; DERWENT	OR	ON	2008/03/05 15:10
S85	139	(((heat$3 with shrink $4) (heatshrink$4 heat-shrink$4)) same (stretch$4 tension$4 elongat$4 pull$4 tenter $4 orient$3 expand$4 expansion) same (film membrane web substrate diaphragm)) and wafer	US-PGPUB	OR	ON	2008/03/05 15:14
S86	131	("438" "264").clas. and (((heat$3 with shrink $4) (heatshrink$4 heat-shrink$4)) same (film membrane web substrate diaphragm) same (chips wafer))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:00
S87	161	(((heat$3 with shrink $4) (heatshrink$4 heat-shrink$4)) with (film membrane web substrate diaphragm) with (chips wafer))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:00

S88	246	(S86 S87)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:00
S89	46	("4921564" | "5110388" | "5316853" | "5411921" | "5466325" | "5525422" | "5534102" | "5637395" | "5641714" | "5824177" | "5824185" | "5827394").PN. OR ("6176966").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:28
S90	9	S89 and ((heat$4 with shrink$4) heatshrink$4 heat-shrink$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:33
S91	357	"264".clas. and ((stretch $4 tension$4 elongat$4 pull$4 tenter$4 orient $3) same (film membrane web substrate diaphragm) same (vacuum$3 suction$3) same (slack $3 slacken$4 excess $4))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:48
S92	43	("438" "264").clas. and ((stretch$4 tension$4 elongat$4 pull$4 tenter $4 orient$3) same (film membrane web substrate diaphragm) same (vacuum$3 suction$3) same (slack $3 slacken$4 excess $4)) and wafer	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:48
S93	23	("3448510").URPN.	USPAT	OR	ON	2008/03/05 16:55
S94	65	("1198402" | "3158381" | "3190460" | "3448510" | "3465874" | "3520055" | "3562057" | "3652075" | "3707760" | "3741116" | "3757735" | "3809050" | "3920121" | "4221356" | "4285430" | "4395451" | "4410168" | "4428815" | "4444078" | "4466852" | "4643796").PN. OR ("4667944" | "4711014").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 16:57

S95	752	("438" "264").clas. and ((stretch$4 tension$4 elongat$4 pull$4 tenter $4 orient$3) same (film membrane web substrate diaphragm) same (vacuum$3 suction$3)) and wafer not S94	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 17:30
S96	314	("438" "264").clas. and ((stretch$4 tension$4 elongat$4 pull$4 tenter $4 orient$3) same (film membrane web substrate diaphragm) same (vacuum$3 suction$3) same (releas $4 remov$4)) and wafer not S94	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 17:32
S97	153	("438" "264").clas. and ((stretch$4 tension$4 elongat$4 pull$4 tenter $4 orient$3) same (film membrane web substrate diaphragm) same (vacuum$3 suction$3)) and (dicing diced) and wafer not S94	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 17:34
S98	40	("438" "264").clas. and ((expand$4) same (film membrane web substrate diaphragm) same (vacuum$3 suction$3)) and (dicing diced) and wafer not S94	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 17:44
S99	180	((stretch$4 tension$4 elongat$4 pull$4 tenter $4 orient$3 expand$4) with (film membrane web substrate diaphragm) with (vacuum$3 suction$3)) and (dicing diced) and wafer not S94	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/05 17:48

| S100 | 126 | ((stretch$4 tension$4 elongat$4 pull$4 tenter $4 orient$3 expand$4) with (film membrane web substrate diaphragm) with (vacuum$3 suction$3)) and (dicing diced) and wafer not (S97 S94) | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/05 17:49 |
| S101 | 21 | ("2970730" | "3537169" | "3562058" | "3657791" | "3677875" | "3727282" | "3918150" | "4296542").PN. OR ("4744550").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/05 18:00 |

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